

03050109-060
(Big Brushy Creek)

General Description

Watershed 03050109-060 is located in Pickens and Anderson Counties and consists primarily of **Big Brushy Creek** and its tributaries. The watershed occupies 23,602 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Cecil-Madison series. The erodibility of the soil (K) averages 0.26; the slope of the terrain averages 15%, with a range of 2-40%. Land use/land cover in the watershed includes: 20.12% urban land, 23.18% agricultural land, 4.54% scrub/shrub land, 0.79 barren land, 51.11% forested land, and 0.26% water.

The Big Brushy Creek watershed drains into the Saluda River near the Town of Piedmont. Big Brushy Creek is formed by the confluence of Brushy Creek and Middle Branch (Hornbuckle Creek). Little Brushy Creek flows into Big Brushy Creek near the base of the watershed. This watershed contains a total of 43.6 stream miles, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
S-301	W/BIO	FW	BIG BRUSHY CREEK AT S-04-143

Big Brushy Creek (S-301) - This stream was Class B until April, 1992. Aquatic life uses are partially supported based on macroinvertebrate community data. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Permitted Activities

Point Source Contributions

RECEIVING STREAM	NPDES#
FACILITY NAME	TYPE
PERMITTED FLOW @ PIPE (MGD)	LIMITATION
COMMENT	
MIDDLE BRANCH	SC0039853
EASLEY COMBINED UTILITY/MIDDLE BRANCH PLT	MAJOR MUNICIPAL
PIPE #: 001 FLOW: 2.50	WATER QUALITY
PIPE #: 001 FLOW: 3.00 & 3.75 (PROPOSED)	WATER QUALITY
WQL FOR NH3-N, DO, TRC	

Growth Potential

The southern edge of the City of Easley and the I-85 corridor are high growth areas in the watershed. Other areas of potential growth are the presently unserved interstate interchanges, which have regional plans to be upgraded with water and sewer to encourage development. There are also several industrial sites dispersed through the watershed.